

**DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program**

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April 24, 2009

Contract No. 04-0120F4  
04-SF-80-13.2 / 13.9  
Self-Anchored Suspension Bridge  
Letter No. 05.03.08-000015

Michael Flowers  
Project Executive  
American Bridge/Fluor, A JV  
375 Burma Road  
Oakland, CA 94607

Dear Michael Flowers,

**Shear Link Check Test Samples**

The Department has tested check samples of shear link ASTM A709SL Grade 485 in accordance with Special Provisions Section 10-1.59, "Steel Structures". Test results are provided in the attachment. ZPMC Sample No. 596 failed to meet the requirements for the Charpy V-notch test, even after a retest. The Department cannot accept the material associated with this sample.

In addition, the Department has received various ZPMC samples ranging in number between 597 and 628, as shown on the attachment, presumably for shear link ASTM A709SL Grade 345. Based on the plate thicknesses, this material does not correspond to shear link material on the shop drawings. Please clarify if this is indeed shear link material.

If you have any questions, please contact Judy Li at (011) 86-136-1187-1621.

Sincerely,

GARY PURSELL  
Resident Engineer

Attachment

cc: R. Morrow, P. Siegenthaler, J. Tom, S. Kennedy, M. Woods  
File: 05.03.08